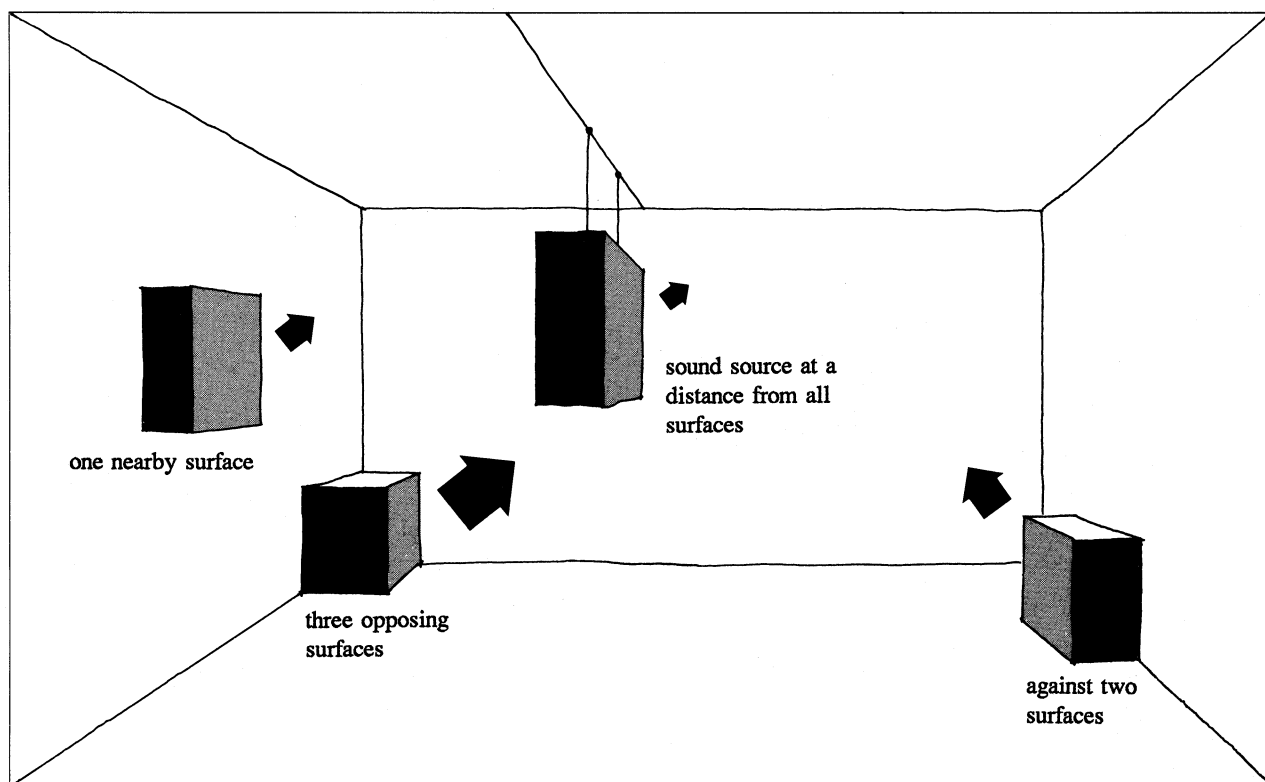


SOUND SOURCES SHOULD NOT BE PLACED NEAR CORNERS

The closer to reflecting surfaces a sound source is placed, the greater the amount of noise it will radiate to the room. The worst placement is in corners – near three room surfaces. The best placement is away from the walls.

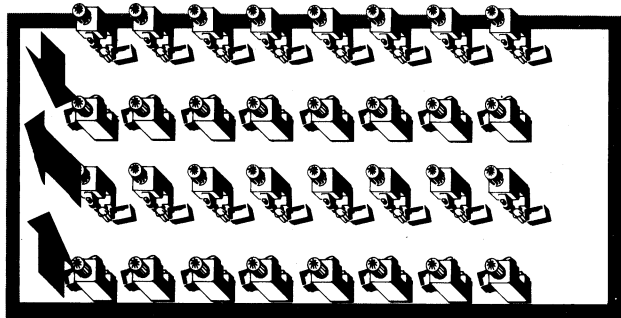
Principle



Application of machine placement

Example

In an industrial shop, machines are placed in four rows with three aisles between them. This arrangement increases noise from the machines in the two outermost rows.



Control Measure

The machines are placed together, two-by-two, away from the walls, and new aisles are set up along the walls. With this new arrangement, the noise level in the installation drops.

